Docket No. 87326.3920 Serial No.: 10/646,846 Customer No. 30734

IN THE UNITED STATESPATENT AND TRADEMARK OFFICE

In re Application of:

Jeffrey M. Brown, et al.

Application No.: 10/646,846

Filed: August 25, 2003

Group Art Unit: 2622

Examiner: Brian P. Yenke

For: APPARATUS AND METHOD FOR MONITORING TRANSMISSION SYSTEMS

USING EMBEDDED TEST SIGNALS

AMENDMENT UNDER 37 CFR § 1.111

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This is in response to the Office Action dated April 4, 2006 to which a response is due with a three-month extension by October 4, 2006. In view of the following amendments and remarks, Applicants respectfully request the Examiner to reconsider and withdraw the outstanding rejections and allow all claims pending in the application.

Please reconsider the above-identified patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.